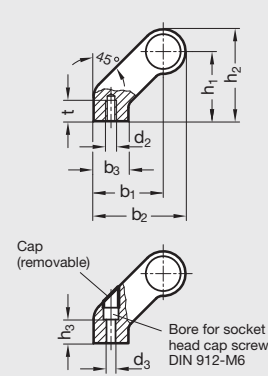
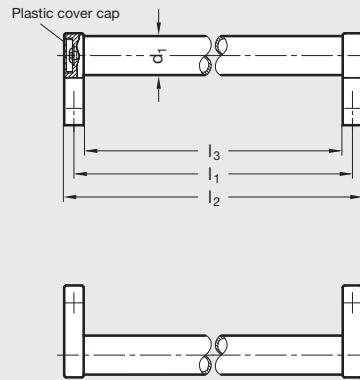


# GN 333 | Aluminum Tubular Grip Handles

Offset • Inch and Metric Size



ISO 9001 Supplier

RoHS Compliant

## Tube

Aluminum, dia. 28 mm x 1.5 mm wall thickness, black powder-coated “pebble finish” or matte natural anodized finish

## Handle legs

Zinc die-cast, black powder coated finish

## Plastic cover caps

Light gray

## Removable plastic cap for Type B

Black technopolymer

Type A: Bottom mount (blind tapped hole)

Type B: Top mount (through hole)

Handle legs are highly stable in relation to their small dimensions. Tube and legs are secured together with self-tapping screws. Screw heads are covered with plastic cover caps to provide a clean and finished look.

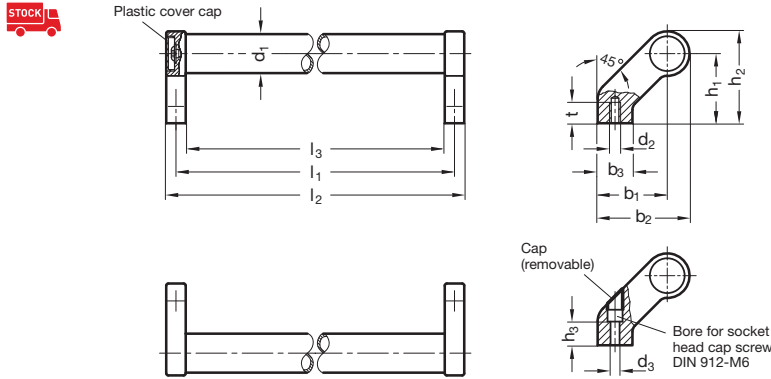
Typical use is on double winged swinging doors and sliding doors on machines.

Handles in special lengths available upon request.

## Inch Table-Type A, Tapped Hole

Dimensions in: inches (millimeters)

| Part Number         |                         | d <sub>1</sub> | l <sub>1</sub> | d <sub>2</sub><br>Tapped | b <sub>1</sub> | b <sub>2</sub> | b <sub>3</sub> | h <sub>1</sub> | h <sub>2</sub> | l <sub>2</sub>  | l <sub>3</sub>  | t<br>min.   |
|---------------------|-------------------------|----------------|----------------|--------------------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-------------|
| Black Coated Finish | Natural Anodized Finish |                |                |                          |                |                |                |                |                |                 |                 |             |
| 28W8CZAK            | 28W8D96/EL              | 1.10<br>(28)   | 8<br>(203.2)   | 5/16-18                  | 1.97<br>(50)   | 2.60<br>(66)   | .98<br>(.25)   | 1.97<br>(50)   | 2.60<br>(66)   | 8.5<br>(217.2)  | 7.5<br>(189.2)  | .59<br>(15) |
| 28W10D96K           | 28W10CZA/EL             | 1.10<br>(28)   | 10<br>(254)    | 5/16-18                  | 1.97<br>(50)   | 2.60<br>(66)   | .98<br>(.25)   | 1.97<br>(50)   | 2.60<br>(66)   | 10.5<br>(268)   | 9.5<br>(240)    | .59<br>(15) |
| 28W12CZAK           | 28W12CZA/EL             | 1.10<br>(28)   | 12<br>(304.8)  | 5/16-18                  | 1.97<br>(50)   | 2.60<br>(66)   | .98<br>(.25)   | 1.97<br>(50)   | 2.60<br>(66)   | 12.5<br>(318.8) | 11.5<br>(290.8) | .59<br>(15) |
| 28W16CZAK           | 28W16CZA/EL             | 1.10<br>(28)   | 16<br>(406.4)  | 5/16-18                  | 1.97<br>(50)   | 2.60<br>(66)   | .98<br>(.25)   | 1.97<br>(50)   | 2.60<br>(66)   | 16.5<br>(420.4) | 15.5<br>(392.4) | .59<br>(15) |
| 28W20CZAK           | 28W20CZA/EL             | 1.10<br>(28)   | 20<br>(508)    | 5/16-18                  | 1.97<br>(50)   | 2.60<br>(66)   | .98<br>(.25)   | 1.97<br>(50)   | 2.60<br>(66)   | 20.24<br>(514)  | 19.13<br>(486)  | .59<br>(15) |
| 28W24CZAK           | 28W24CZA/EL             | 1.10<br>(28)   | 24<br>(609.6)  | 5/16-18                  | 1.97<br>(50)   | 2.60<br>(66)   | .98<br>(.25)   | 1.97<br>(50)   | 2.60<br>(66)   | 24.17<br>(614)  | 23.07<br>(586)  | .59<br>(15) |



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**Metric Table-Type A, Tapped Hole**

Dimensions in: millimeters (inches)

| Part Number         |                         | d <sub>1</sub> | l <sub>1</sub> | d <sub>2</sub><br>Tapped | b <sub>1</sub> | b <sub>2</sub> | b <sub>3</sub> | h <sub>1</sub> | h <sub>2</sub> | l <sub>2</sub> | l <sub>3</sub> | t<br>min.   |
|---------------------|-------------------------|----------------|----------------|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------|
| Black Coated Finish | Natural Anodized Finish |                |                |                          |                |                |                |                |                |                |                |             |
| 28W200D99K          | 28W200D99/EL            | 28<br>(1.10)   | 200<br>(7.87)  | M8 x 1.25                | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 214<br>(8.43)  | 186<br>(7.32)  | 15<br>(.59) |
| 28W250D99K          | 28W250D99/EL            | 28<br>(1.10)   | 250<br>(9.84)  | M8 x 1.25                | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 264<br>(10.39) | 236<br>(9.29)  | 15<br>(.59) |
| 28W300D99K          | 28W300D99/EL            | 28<br>(1.10)   | 300<br>(11.81) | M8 x 1.25                | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 314<br>(12.36) | 286<br>(11.26) | 15<br>(.59) |
| 28W400D99K          | 28W400D99/EL            | 28<br>(1.10)   | 400<br>(15.75) | M8 x 1.25                | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 414<br>(16.30) | 386<br>(15.20) | 15<br>(.59) |
| 28W500D99K          | 28W500D99/EL            | 28<br>(1.10)   | 500<br>(19.69) | M8 x 1.25                | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 514<br>(20.24) | 486<br>(19.13) | 15<br>(.59) |
| 28W600D99K          | 28W600D99/EL            | 28<br>(1.10)   | 600<br>(23.62) | M8 x 1.25                | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 614<br>(24.17) | 586<br>(23.07) | 15<br>(.59) |

**Inch/Metric Table-Type B, Through Hole**

Dimensions in: millimeters (inches)

| Part Number         |                         | d <sub>1</sub> | l <sub>1</sub> | d <sub>3</sub><br>Bore | b <sub>1</sub> | b <sub>2</sub> | b <sub>3</sub> | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | l <sub>2</sub> | l <sub>3</sub> | t<br>min.   |
|---------------------|-------------------------|----------------|----------------|------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------|
| Black Coated Finish | Natural Anodized Finish |                |                |                        |                |                |                |                |                |                |                |                |             |
| 28W200CZAK          | 28W200CZA/EL            | 28<br>(1.10)   | 200<br>(7.87)  | 6.5<br>(.26)           | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 17<br>(.67)    | 214<br>(8.43)  | 186<br>(7.32)  | 15<br>(.59) |
| 28W250CZAK          | 28W250CZAK/EL           | 28<br>(1.10)   | 250<br>(9.84)  | 6.5<br>(.26)           | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 17<br>(.67)    | 264<br>(10.39) | 236<br>(9.29)  | 15<br>(.59) |
| 28W300CZAK          | 28W300CZAK/EL           | 28<br>(1.10)   | 300<br>(11.81) | 6.5<br>(.26)           | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 17<br>(.67)    | 314<br>(12.36) | 286<br>(11.26) | 15<br>(.59) |
| 28W400CZAK          | 28W400CZAK/EL           | 28<br>(1.10)   | 400<br>(15.75) | 6.5<br>(.26)           | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 17<br>(.67)    | 414<br>(16.30) | 386<br>(15.20) | 15<br>(.59) |
| 28W500CZAK          | 28W500CZAK/EL           | 28<br>(1.10)   | 500<br>(19.69) | 6.5<br>(.26)           | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 17<br>(.67)    | 514<br>(20.24) | 486<br>(19.13) | 15<br>(.59) |
| 28W600CZAK          | 28W600CZAK/EL           | 28<br>(1.10)   | 600<br>(23.62) | 6.5<br>(.26)           | 50<br>(1.97)   | 66<br>(2.60)   | 25<br>(.98)    | 50<br>(1.97)   | 66<br>(2.60)   | 17<br>(.67)    | 614<br>(24.17) | 586<br>(23.07) | 15<br>(.59) |